

Please amend the Abstract of the Disclosure.

A method for ~~managing a flash memory management, a method for leveling the wear of~~ blocks in a flash memory, and a method for managing a file system for a flash memory are provided. ~~The method for managing a flash memory comprises: where, if changing of data of a~~ data block recorded in a data area is requested, recording the data block having changed data in an alternative area and recording mapping information representing an address of the data block recorded in the alternative area in a mapping area; ~~and if, If changing of data of the data block~~ recorded in the alternative area is requested, recording a data block having changed data in the data area and deleting the mapping information representing the address recorded in the alternative area from the mapping area. If the mapping information on the data block exists in the mapping area, data is read from the data block in the alternative area, and if the mapping information on the data block does not exist in the mapping area, data is read from the data block at the original address in the data area.